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**DATE:** December 10, 2004  
**FILE NO.:** WEAT/0509  
**TO:** EXAMINER: TUNG S. LAU  
**FAX NO.:** (703) 872-9306  
**PHONE NO.:**  
**COMPANY:** USPTO  
**FROM:** R. READ *PK*  
**PAGE(S) with cover:** 6  
**ORIGINAL TO FOLLOW?**  YES  NO

### RESPONSE TO OFFICE ACTION DATED SEPTEMBER 10, 2004

**TITLE:** METHOD AND APPARATUS FOR DETERMINING COMPONENT FLOW RATES FOR A MULTIPHASE FLOW  
**U.S. SERIAL NO.:** 09/996,626  
**FILING DATE:** NOVEMBER 28, 2001  
**INVENTOR:** DANIEL L. GYSLING, ET AL.  
**EXAMINER:** TUNG S. LAU  
**GROUP ART UNIT:** 2863  
**CONFIRMATION NO.:** 5322

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## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:  
Daniel L. Gysling, et al.  
Serial No.: 09/996,626  
Confirmation No.: 5322  
Filed: November 28, 2001  
For: METHOD AND APPARATUS  
FOR DETERMINING  
COMPONENT FLOW RATES  
FOR A MULTIPHASE FLOW

MAIL STOP AMENDMENTS  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

§ Group Art Unit: 2863

§ Examiner: Tung S. Lau

§ Customer No. 36735

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<p>I hereby certify that this correspondence and the documents referred to as attached therein are being facsimile transmitted to the U.S. Patent and Trademark Office to the fax number indicated by the Examiner, namely, fax number (703)872-9306 to the attention of the named Examiner, on the date below.</p>	
<u>10 Dec 2004</u>	<u>PRM</u>
Date	Signature

## RESPONSE TO OFFICE ACTION DATED SEPTEMBER 10, 2004

In response to the Office Action dated September 10, 2004, having a shortened statutory period for response set to expire on December 10, 2004, please enter this response and reconsider the claims pending in the application for reasons discussed below. Although Applicants believe that no additional fees are due in connection with this response, the Commissioner is hereby authorized to charge counsel's Deposit Account No. 20-0782/WEAT/0509/WBP, for any fees, including extension of time fees or excess claim fees, required to make this response timely and acceptable to the Office.

Amendments to the Claims are reflected in the listing of claims which begins on page 2 of this paper. Remarks begin on page 4 of this paper.